

C-A OPERATIONS PROCEDURES MANUAL

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8.20.1 C-A Hazardous Waste Trailer (HWT) (90-Day Accumulation Area)

1. Purpose

To provide trained C-A personnel with instructions on the collection, 90-day accumulation, management and disposal of small quantities of hazardous waste which is received from the points of generation at the various buildings in the C-A complex. Refer to SBMS Subject Area [“Establishing a Satellite Accumulation Area”](#); [“Operating a Satellite Accumulation Area”](#), [“Completion of Nonradioactive Hazardous Waste Control Form and Process Knowledge Certification Forms”](#).

2. Responsibilities

- 2.1 Water Systems Group (WSG), Storage Area Manager, and the Environmental Coordinator, shall maintain records, inspect, and control access to the C-A Hazardous Waste Collection Station located at the Hazardous Waste Trailer (HWT) located near Bldg. 928.
- 2.2 Hazardous Waste Generators shall bring appropriate waste for accumulation to the HWT and file appropriate records for disposition of Hazardous Waste.
- 2.3 The WSG Storage Area Manager, or Environmental Coordinator, shall inspect the HWT weekly to meet WMD directives on 90-day accumulation areas using the inspection form in SBMS Subject Area 90-Day Accumulation Area Weekly Inspection Checklist.

3. Prerequisites

- 3.1 Hazardous Waste generators shall fill out required waste forms, and attach labels as required. SBMS Subject Areas [“Hazardous Waste Management](#), [“Mixed Waste Management”](#), [“Oil/PCB Management”](#), show the current forms and labels required. Contact Hazardous Waste Management (x3272) or C-A Environmental Coordinator (x7250/pager 631-453-5901) for any required forms or labels.
- 3.2 WSG personnel shall be trained in this procedure as per SBMS Subject Area Requirements.
- 3.3 All transfers to trailer are according to SBMS Subject Area [“Transfer of Hazardous Materials Onsite”](#) and in a lab vehicle.

4. Precautions

- 4.1 No radioactive materials are to be brought to the HWT.
- 4.2 All oil-filled electrical devices must be labeled with a blue/white tag if they do not contain PCBs; or a yellow PCB label if they contain PCBs.

- 4.3 All fluids (liquids and gases) must have a hazardous waste sticker, with all information filled out correctly, refer to SBMS Subject Area for proper labels.
- 4.4 Generators shall follow [C-A-OPM 8.20](#) in packaging and labeling waste prior to delivery to the HWT.
- 4.5 The HWT has two sections.
- 4.5.1 The left side of the HWT is reserved for the following materials:
- aerosol cans
 - small PCB equipment
 - mercury
 - small batteries (non-lead acid)
 - chemicals
 - lead
- 4.5.2 The right side of the HWT is reserved for the following materials:
- solvents
 - mixed oils
 - transformer oil
 - vacuum oil
 - lubrication oil
 - hydraulic oil
 - freon
 - oily rags, stay dries, absorbants
- 4.5.3 The HWT has a two-part sump basin each of which can hold approximately 150 gallons.
- 4.6 From November 1st to March 15th of each year, liquid chemicals shall be processed from satellite storage areas, not HWT. HWT is not heated.

5. Procedure

- 5.1 Before disposal at the HWT, each generator shall fill out and sign form BNL F2974C, process knowledge form if required, and waste label for each type of waste.
- 5.2 The C-A Environmental Coordinator will issue any non-stock labels for application by the generator to the waste container prior to delivery to the HWT.
- 5.3 The generator shall then contact the WSG Storage Area Manager at ext. 4666, 4668 or Page 4271 to gain access to the HWT.

- 5.4 Transfer of Chemicals adheres to "[Transfer of Hazardous Materials Onsite](#)" Subject Area.
- 5.5 The WSG Storage Area Manager shall inspect waste for proper labeling and enter data into the HWT log located in green building across from Bldg. 928.
- 5.5.1 The WSG Storage Area Manager shall retain a copy of the generator's BNL F2974C form and place it in the "Open Forms" log.
- 5.6 The WSG Storage Area Manager will then open the appropriate HWT door and will place the container properly in the HWT in secondary containment.
- 5.7 When any PCB items are placed in the HWT, a Large PCB sticker shall be attached to the outside of the HWT door, and the Fire/Rescue Captain (x2350) shall be informed.

When all PCB materials have been removed from the HWT, the sign shall be removed and the Fire/Rescue Captain shall be informed.

Note:

PCBs can be stored at HWT for a maximum of 30 days only.

- 5.8 All material removed from the HWT shall be accomplished by WMD Group personnel.
- 5.9 The WSG Storage Area Manager shall take all forms relating to removed waste and place them in the "closed form" log.
- 5.10 The HWT shall be inspected weekly by the WSG Storage Area Manager, or the C-A Environmental Coordinator, who shall fill out the "[90-day Accumulation Area Weekly Inspection Checklist](#)" as shown in SBMS Subject Area.
- 5.11 If a **SPILL** is detected in the HWT, the WSG Storage Area Manager shall call Fire/Security (ext. 2222 or 911), the MCR during machine operations, and the ESHQ Division Head (ext 5272, pager 4820).
- 5.12 If a fire occurs at the HWT, the WSG Storage Area Manager shall call Fire/Rescue (x2222 or 911), and pull the fire alarm in green building. WSG Storage Area Manager shall then call the MCR, and the ESHQ Division Head (ext. 5272, pager 4820).

6. Documentation

- 6.1 Generator completed BNL F2974C forms and labels (see SBMS Subject Area for forms).
- 6.2 WSG Storage Area Manager completed Log Book in Building outside Bldg. 928.
- 6.3 WSG Storage Area Manager completed forms BNL F2974C "Open and Closed" logs.
- 6.4 The WSG Storage Area Manager, or Environmental Coordinator, completed weekly 90-day Accumulation Area Inspection Forms.

7. References

- 7.1 [SBMS Subject Area "Hazardous Waste Management"](#).
- 7.2 [C-A-OPM 8.20 "Procedure for Handling and Disposal of Hazardous Waste"](#).
- 7.3 [SBMS Subject Area "Transfer of Hazardous Materials Onsite"](#).

8. Attachments

- 8.1 [C-A-OPM 8.20.1.a "Satellite Accumulation Area Monthly Inspection Form"](#).
- 8.2 [SBMS 90-Day Accumulation Area Weekly Inspection Checklist](#).